

ABSTRACT

A mobile device integrates a wireless headset with the housing of a mobile terminal. In an exemplary embodiment, the housing of the mobile terminal includes a fastener for mechanically connecting the wireless headset to the housing. When the wireless headset is mechanically disconnected from the housing, a speaker and microphone associated with the wireless headset interfaces with the mobile terminal via a wireless interface. However, when the wireless headset mechanically connects to the housing, the speaker and microphone associated with the wireless headset mechanically and electrically connect to the housing and operate as the speaker and microphone for the mobile terminal. A detector circuit included in the mobile device also determines the position of the wireless headset relative to the mobile terminal, and may automatically select a wireless or electrical interface between the wireless headset and the mobile terminal based on the determined position.

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